CONTENTS OF VOLUME 37

Number 1, July 2005

ORIGINAL ARTICLES

The effect of risedronate on bone mineralization as measured by micro-computed tomography with synchrotron radiation: Correlation to histomorphometric indices of turnover *Babul Borah, Erik L. Ritman, Thomas E. Dufresne, Steven M. Jorgensen, Sheng Liu, Jarek Sacha, Roger J. Phipps, and Russell T. Turner* 1

The morphological association between microcracks and osteocyte lacunae in human cortical bone *Shijing Qiu, D. Sudhaker Rao, David P. Fyhrie, Saroj Palnitkar, and A. Michael Parfitt* 10

Up-regulation of site-specific remodeling without accumulation of microcracking and loss of osteocytes *T.M. Da Costa Gómez, J.G. Barrett, S.J. Sample, C.L. Radtke, V.L. Kalscheur, Y. Lu, M.D. Markel, E.M. Santschi, M.C. Scollay, and P. Muir* 16

Osteopetrosis-like phenotype in latent TGF-β binding protein 3 deficient mice *B. Dabovic, R. Levasseur, L. Zambuto, Y. Chen, G. Karsenty, and D.B. Rifkin* 25

Deletion of iNOS gene impairs mouse fracture healing *Yasemin Baldik, Ashish D. Diwan, Richard C. Appleyard, Zhi Ming Fang, Yao Wang, and George A.C. Murrell* 32

Nitric oxide–nitric oxide synthase regulates key maturational events during chondrocyte terminal differentiation *Cristina C. Teixeira, Harry Ischiropoulos, Phoebe S. Leboy, Sherrill L. Adams, and Irving M. Shapiro* 37

Osteopenia and impaired fracture healing in aged EP4 receptor knockout mice *M. Li, D.R. Healy, Y. Li, H.A. Simmons, D.T. Crawford, H.Z. Ke, L.C. Pan, T.A. Brown, and D.D. Thompson* 46

Local application of rhTGF-β2 enhances peri-implant bone volume and bone-implant contact in a rat model *Aladino De Ranieri, Amarjit S. Virdi, Shinji Kuroda, Susan Shott, Robert M. Leven, Nadim J. Hallab, and Dale R. Sumner* 55

Mechanical loading modulates glutamate receptor subunit expression in bone *Anna M. Szczesniak, Robert W. Gilbert, Maya Mukhida, and Gail I. Anderson* 63

Enhanced tumor regression and tissue repair when zoledronic acid is combined with ifosfamide in rat osteosarcoma *D. Heymann, B. Ory, F. Blanchard, M-F. Heymann, P. Coipeau, C. Charrier, S. Couillaud, J.P. Thiery, F. Gouin, and F. Redini* 74

Combined treatment with PTH (1–34) and OPG increases bone volume and uniformity of mineralization in aged ovariectomized rats *A. Valenta, P. Roschger, N. Fratzl-Zelman, P.J. Kostenuik, C.R. Dunstan, P. Fratzl, and K. Klaushofer* 87

Effects of damage morphology on cortical bone fragility *T. Diab and D. Vashishth* 96

Muscle strength is a determinant of bone mineral content in the hemiparetic upper extremity: Implications for stroke rehabilitation *Marco Y.C. Pang and Janice J. Eng* 103

In vivo short-term precision of hip structure analysis variables in comparison with bone mineral density using paired dual-energy X-ray absorptiometry scans from multi-center clinical trials *Benjamin C.C. Khoo, Thomas J. Beck, Qi-Hong Qiao, Pallav Parakh, Lisa Semanick, Richard L. Prince, Kevin P. Singer, and Roger I. Price* 112

Bone calcium changes during diabetic ketoacidosis: A comparison with lactic acidosis due to volume depletion *A. Kemal Topaloglu, Dincer Yildizdas, H. Levent Yilmaz, Neslihan O. Mungan, Bilgin Yuksel, and Guler Ozer* 122

ABSTRACTS

Abstracts from the XXI Annual Meeting of the Argentine Association of Osteology and Mineral Metabolism (AAOMM) Buenos Aires, Argentina, October 21–23, 2004 128

Announcements 138

Number 2, August 2005

ORIGINAL ARTICLES

GPI-specific phospholipase D (GPI-PLD) is expressed during mouse development and is localized to the extracellular matrix of the developing mouse skeleton *Patrick Gregory, Elisabeth Kraemer, Gisela Zürcher, René Gentinetta, Valeria Rohrbach, Urs Brodbeck, Anne-Catherine Andres, Andrew Ziemiecki, and Peter Bütikofer* 139

SOST is a target gene for PTH in bone *Hansjoerg Keller and Michaela Kneissel* 148

Response to continuous and pulsatile PTH dosing: A mathematical model for parathyroid hormone receptor kinetics *Laura K. Potter, Larry D. Greller, Carolyn R. Cho, Mark E. Nuttall, George B. Stroup, Larry J. Suva, and Frank L. Tobin* 159

Reduction in vertebral fracture risk in teriparatide-treated postmenopausal women as assessed by spinal deformity index *Harry K. Genant, Ethel Siris, Gerald G. Crans, Durisala Desaiah, and John H. Krege* 170

Prognostic utility of a semiquantitative spinal deformity index *Gerald G. Crans, Harry K. Genant, and John H. Krege* 175

Syndecan-2 overexpression induces osteosarcoma cell apoptosis: Implication of syndecan-2 cytoplasmic domain and JNK signaling *Dominique Modrowski, Armelle Orosco, Judicaël Thévenard, Olivia Fromigué, and Pierre J. Marie* 180

Comparison of the effects of pravastatin and atorvastatin on fracture incidence in the PROVE IT-TIMI 22 trial—Secondary analysis of a randomized controlled trial *Ian R. Reid, Andrew Tonkin, and Christopher P. Cannon* 190

Dissection of the sets of genes that control the behavior of biglycan-deficient pre-osteoblasts using oligonucleotide microarrays *Xiao-Dong Chen, Xiaopeng Bian, Tanya M. Teslovich, Dietrich A. Stephan, and Marian F. Young* 192

The bisphosphonate ibandronate improves implant integration in osteopenic ovariectomized rats *A.H.A. Kurth, C. Eberhardt, S. Müller, M. Steinacker, M. Schwarz, and F. Bauss* 204

Dietary magnesium reduction to 25% of nutrient requirement disrupts bone and mineral metabolism in the rat *Robert K. Rude, Helen E. Gruber, H. James Norton, Livia Y. Wei, Angelica Frausto, and Jeremy Kilburn* 211

Establishment of cementoblast cell lines from rat cementum lining cells by transfection with temperature-sensitive simian virus-40 T-antigen gene *Masae Kitagawa, Shoji Kitagawa, Yasusei Kudo, Ikuko Ogawa, Mutsumi Miyauchi, Hidetoshi Tahara, Toshinori Ide, and Takashi Takata* 220

Immunosuppression with FK506 has no influence on fracture healing in the rat *Gregor Voggenreiter, Patrizia Siozos, Eva Hunkemöller, Stefan Heute, Markus Schwarz, and Udo Obertacke* 227

Relation between homocysteine and B-vitamin status indicators and bone mineral density in older Americans *Martha Savaria Morris, Paul F. Jacques, and Jacob Selhub* 234

Femoral neck shape and the spatial distribution of its mineral mass varies with its size: Clinical and biomechanical implications *Roger M.D. Zebaze, Anthony Jones, Findlay Welsh, Mark Knackstedt, and Ego Seeman* 243

Cross-sectional geometry of the human forefoot *Nicole L. Griffin and Brian G. Richmond* 253

The burden of fractures in Brazil: A population-based study *Fernando Vinholes Siqueira, Luiz Augusto Facchini, and Pedro Curi Hallal* 261

Risk factors for clinical stress fractures in male military recruits: A prospective cohort study *Ville-Valtteri Välimäki, Henrik Alfthan, Eero Lehmuskallio, Eliisa Löyttyniemi, Timo Sahi, Harri Suominen, and Matti J. Välimäki* 267

Regional differences in trabecular BMD and micro-architecture of weight-bearing bone under habitual gait loading—A pQCT and microCT study in human cadavers *Y.M. Lai, L. Qin, H.Y. Yeung, K.K.H. Lee, and K.M. Chan* 274

Announcements 283

Number 3, September 2005

INTERNATIONAL BONE AND MINERAL SOCIETY

IBMS Board of Directors 2005–2007 285

IBMS Award Winners 2005 286

ORIGINAL ARTICLES

High-dose risedronate treatment partially preserves cancellous bone mass and microarchitecture during long-term disuse *Chao Yang Li, Robert J. Majeska, Damien M. Laudier, Richard Mann, and Mitchell B. Schaffler* 287

Expression of the zinc transporter ZIP1 in osteoclasts *Mohammed A. Khadeer, Surasri N. Sahu, Guang Bai, Sunia Abdulla, and Anandarup Gupta* 296

Peroxisome proliferator activated receptor-γ (PPARγ) represses thyroid hormone signaling in growth plate chondrocytes *Lai Wang, Yvonne Y. Shao, and R. Tracy Ballock* 305

Hypoxia induces chondrocyte-specific gene expression in mesenchymal cells in association with transcriptional activation of Sox9 *Jared C. Robins, Nagako Akeno, Aditi Mukherjee, Ravi R. Dalal, Bruce J. Aronow, Peter Koopman, and Thomas L. Clemens* 313

Expression of mouse HtrA1 serine protease in normal bone and cartilage and its upregulation in joint cartilage damaged by experimental arthritis *Akiho Tsuchiya, Masato Yano, Jiraporn Tocharus, Hisae Kojima, Manabu Fukumoto, Masashi Kawaichi, and Chio Oka* 323

Thrombin mediated migration of osteogenic cells *Jeffrey M. Karp, Tetsuya S. Tanaka, Ron Zohar, Jaro Sodek, Molly S. Shoichet, John E. Davies, and William L. Stanford* 337

Phosphonocarboxylate inhibitors of Rab geranylgeranyl transferase disrupt the prenylation and membrane localization of Rab proteins in osteoclasts in vitro and in vivo *Fraser P. Coxon, Frank H. Ebetino, Emilie H. Mules, Miguel C. Seabra, Charles E. McKenna, and Michael J. Rogers* 349

Ghrelin stimulates proliferation and differentiation and inhibits apoptosis in osteoblastic MC3T3-E1 cells *Sang Wan Kim, Sun Ju Her, Seong Jae Park, Dohee Kim, Kyong Soo Park, Hong Kyu Lee, Byung Hee Han, Min Seon Kim, Chan Soo Shin, and Seong Yeon Kim* 359

The effect of reloading on bone volume, osteoblast number, and osteoprogenitor characteristics: Studies in hind limb unloaded rats *Nick Basso, Yongheng Jia, Carl G. Bellows, and Johan N.M. Heersche* 370

Mapping bone interstitial fluid movement: Displacement of ferritin tracer during histological processing *Cesare Ciani, Stephen B. Doty, and Susannah P. Fritton* 379

Physical function is impaired but quality of life preserved in patients with fibrous dysplasia of bone *Marilyn H. Kelly, Beth Brillante, Harvey Kushner, Pamela Gehron Robey, and Michael T. Collins* 388

Novel algorithm detecting trabecular termini in μCT and MRI images *Zbisław Tabor* 395

Binding studies of [^{18}F]-fluoride and polyphosphonates radiolabelled with [^{99m}Tc], [^{111}In], [^{153}Sm] and [^{188}Re] on bone compartments: Verification of the pre vivo model? *Markus Mitterhauser, Stefan Toegel, Wolfgang Wadsak, Leonhard-Key Mien, Harald Eidherr, Kurt Kletter, Helmut Viernstein, Rainer Kluger, Alfred Engel, and Robert Dudczak* 404

Dual X-ray absorptiometry (DXA) of the lumbar spine in a clinical paediatric setting: Does the method of size-adjustment matter? *M.S. Fewtrell, I. Gordon, L. Biassoni, and T.J. Cole* 413

Reduced bone mineral density in male Severe Acute Respiratory Syndrome (SARS) patients in Hong Kong *E.M.C. Lau, F.W.K. Chan, D.S.C. Hui, A.K.L. Wu, and P.C. Leung* 420

Oral salmon calcitonin induced suppression of urinary collagen type II degradation in postmenopausal women: A new potential treatment of osteoarthritis *Yu Z. Bagger, László B. Tankó, Peter Alexandersen, Morten A. Karsdal, Melvin Olson, Linda Mindeholm, Moïse Azria, and Claus Christiansen* 425

Announcement 431

Number 4, October 2005

REVIEW

Biological properties and mechanism of action of ibandronate: Application to the treatment of osteoporosis *S. Epstein and M. Zaidi* 433

TECHNICAL NOTE

Polychrome labeling of bone with seven different fluorochromes: Enhancing fluorochrome discrimination by spectral image analysis *Christoph Pautke, Stephan Vogt, Thomas Tischer, Gabriele Wexel, Herbert Deppe, Stefan Milz, Matthias Schieker, and Andreas Kolk* 441

ORIGINAL ARTICLES

Bone mineral density and vertebral fracture history are associated with incident and progressive radiographic knee osteoarthritis in elderly men and women: The Rotterdam Study *A.P. Bergink, A.G. Uitterlinden, J.P.T.M. Van Leeuwen, A. Hofman, J.A.N. Verhaar, and H.A.P. Pols* 446

Bone geometry in response to long-term tennis playing and its relationship with muscle volume: A quantitative magnetic resonance imaging study in tennis players *G. Ducher, D. Courteix, S. Même, C. Magni, J.F. Viala, and C.L. Benhamou* 457

Sex-specific quantitative trait loci contribute to normal variation in bone structure at the proximal femur in men *Munro Peacock, Daniel L. Koller, Dongbing Lai, Siu Hui, Tatiana Foroud, and Michael J. Econs* 467

The relative contributions of lean tissue mass and fat mass to bone density in young women *M.C. Wang, L.K. Bachrach, M. Van Loan, M. Hudes, K.M. Flegal, and P.B. Crawford* 474

The effects of local insulin delivery on diabetic fracture healing *Ankur Gandhi, Heather A. Beam, J. Patrick O'Connor, J. Russell Parsons, and Sheldon S. Lin* 482

Inhibition of cortical and cancellous bone formation in glucocorticoid-treated OVX sheep *Sandra Schorlemmer, Anita Ignatius, Lutz Claes, and Peter Augat* 491

Ataxia telangiectasia mutated (*Atm*) knockout mice as a model of osteopenia due to impaired bone formation *Akinori Hishiya, Masako Ito, Hiroyuki Aburatani, Noboru Motoyama, Kyoji Ikeda, and Ken Watanabe* 497

Osteoblasts produce monocyte chemoattractant protein-1 in a murine model of *Staphylococcus aureus* osteomyelitis and infected human bone tissue *Ian Marriott, David L. Gray, Dana M. Rati, Vance G. Fowler Jr., Martin E. Stryjewski, L. Scott Levin, Michael C. Hudson, and Kenneth L. Bost* 504

Increased expression of interleukin-6 by vasoactive intestinal peptide is associated with regulation of CREB, AP-1 and C/EBP, but not NF-κB, in mouse calvarial osteoblasts *Emma Persson, Olga S. Voznesensky, Yu-Feng Huang, and Ulf H. Lerner* 513

In vitro chondrocyte differentiation using costochondral chondrocytes as a source of primary rat chondrocyte cultures: An improved isolation and cryopreservation method *Alison Gartland, Joshua Mechler, April Mason-Savas, Carole A. MacKay, Geneviève Mailhot, Sandy C. Marks Jr., and Paul R. Odgren* 530

Bone as an ion exchange organ: Evidence for instantaneous cell-dependent calcium efflux from bone not due to resorption *M. Marenzana, A.M. Shipley, P. Squitiero, J.G. Kunkel, and A. Rubinacci* 545

Augmentation of bone morphogenetic protein-induced bone mass by local delivery of a prostaglandin E EP4 receptor agonist *Hiromitsu Toyoda, Hidetomi Terai, Ryuichi Sasaoka, Kazunori Oda, and Kunio Takaoka* 555

Bone graft versus BMP-7 in a critical size defect—Cranioplasty in a growing infant model *Ingo N.G. Springer, Yahya Açil, Solveig Kuchenbecker, Hendrik Bolte, Patrick H. Warnke, Marcus Abboud, Jörg Wiltfang, and Hendrik Terheyden* 563

RhBMP-7 improves survival and eruption in a growing tooth avulsion trauma model *Ingo N.G. Springer, Yahya Açil, Christian Spies, Sören Jepsen, Patrick H. Warnke, Hendrik Bolte, Solveig Kuchenbecker, Paul A.J. Russo, Jörg Wiltfang, and Hendrik Terheyden* 570

Identification of differentially expressed cDNA transcripts from a rat odontoblast cell line *Jianjun Hao, Gen He, Karthikeyan Narayanan, Bingshuang Zou, Lihong Lin, Tanvi Muni, Amsaveni Ramachandran, and Anne George* 578

Downregulation of osteoblast *Phex* expression by PTH *Nathalie Alos and Brigitte Ecarot* 589

ERRATUM

Erratum to "Varying contributions of growth and ageing to racial and sex differences in femoral neck structure and strength in old age" [Bone 36 (2005) 978–986] *Xiao-Fang Wang, Yumbo Duan, Thomas J. Beck, and Ego Seeman* 599

Number 5, November 2005

REVIEW

Interleukin-6: An osteotropic factor influencing bone formation? *Nathalie Franchimont, Sylvie Wertz, and Michel Malaise* 601

ORIGINAL ARTICLES

Leptin regulates chondrocyte differentiation and matrix maturation during endochondral ossification *Yuki Kishida, Makoto Hirao, Noriyuki Tamai, Akihide Nampei, Tetsuho Fujimoto, Takanobu Nakase, Nobuyuki Shimizu, Hideki Yoshikawa, and Akira Myoui* 607

Severe bone alterations under β2 agonist treatments: Bone mass, microarchitecture and strength analyses in female rats *N. Bonnet, C.L. Benhamou, B. Brunet-Imbault, A. Arlettaz, M.N. Horcajada, O. Richard, L. Vico, K. Collomp, and D. Courteix* 622

High and low density in the same bone: A study on children and adolescents with mild osteogenesis imperfecta *Frank Rauch, Christof Land, Sylvie Cornibert, Eckhard Schoenau, and Francis H. Glorieux* 634

Effect of growth hormone therapy and puberty on bone and body composition in children with idiopathic short stature and growth hormone deficiency *Wolfgang Högler, Julie Briody, Bin Moore, Pei Wen Lu, and Christopher T. Cowell* 642

Oral ibandronate significantly reduces the risk of vertebral fractures of greater severity after 1, 2, and 3 years in postmenopausal women with osteoporosis *D. Felsenberg, P. Miller, G. Armbrecht, K. Wilson, R.C. Schimmer, and S.E. Papapoulos* 651

Analysis of variation in expression of autosomal dominant osteopetrosis type 2: Searching for modifier genes *Kang Chu, Daniel L. Koller, Richard Snyder, Tonya Fishburn, Dongbing Lai, Steven G. Waguespack, Tatiana Foroud, and Michael J. Econs* 655

Effect of intermittent compression therapy on bone mineral density in women with low bone mass *P. Albertazzi, S.A. Steel, and M. Bottazzi* 662

Do serological tissue turnover markers represent callus formation during fracture healing? *P. Seebeck, H.J. Bail, C. Exner, H. Schell, R. Michel, H. Amthauer, H. Bragulla, and G.N. Duda* 669

Origins of endothelial and osteogenic cells in the subcutaneous collagen gel implant *I. Bilic-Curcic, Z. Kalajzic, L. Wang, and D.W. Rowe* 678

Silk implants for the healing of critical size bone defects *Lorenz Meinel, Robert Fajardo, Sandra Hofmann, Robert Langer, Jake Chen, Brian Snyder, Gordana Vunjak-Novakovic, and David Kaplan* 688

Osteointegration of hydroxyapatite-titanium implants coated with nonglycosylated recombinant human bone morphogenetic protein-2 (BMP-2) in aged sheep *A. Sachse, A. Wagner, M. Keller, O. Wagner, W.-D. Wetzel, F. Layher, R.-A. Venbrocks, P. Hortschansky, M. Pietraszczyk, B. Wiederanders, H.J. Hempel, J. Bossert, J. Horn, K. Schmuck, and J. Mollenhauer* 699

Effects of low-dose, intermittent treatment with recombinant human parathyroid hormone (1–34) on chondrogenesis in a model of experimental fracture healing *Tetsuro Nakazawa, Arata Nakajima, Koji Shiomi, Hideshige Moriya, Thomas A. Einhorn, and Masashi Yamazaki* 711

Multigenerational exposure to genistein does not increase bone mineral density in rats
Charlotte E. Hotchkiss, Connie Weis, Betty Blaydes, Retha Newbold, and K. Barry Delclos 720

Mechanisms underlying the effects of inulin-type fructans on calcium absorption in the large intestine of rats
Ladislav Raschka and Hannelore Daniel 728

Number 6, December 2005

INTERNATIONAL BONE AND MINERAL SOCIETY

IBMS Board of Directors 2005–2007 737

IBMS Corporate Partners 738

IBMS Membership Application 739

ORIGINAL ARTICLES

Role of IGFBP2, IGF-I and IGF-II in regulating long bone growth
Melanie C. Fisher, Carissa Meyer, Graham Garber, and Caroline N. Dealy 741

Gene therapy with human osteoprotegerin decreases callus remodeling with limited effects on biomechanical properties
Michael Ulrich-Vinther, Edward M. Schwarz, Finn S. Pedersen, Kjeld Søballe, and Troels T. Andreassen 751

Glucose-dependent insulinotropic polypeptide receptor knockout mice have altered bone turnover
Ding Xie, Hua Cheng, Mark Hamrick, Qing Zhong, Ke-Hong Ding, Daniel Correa, Sandra Williams, Anthony Mulloy, Wendy Bollag, Roni J. Bollag, Royce R. Runner, James C. McPherson, Karl Insogna, and Carlos M. Isales 759

LRP5 gene polymorphisms and idiopathic osteoporosis in men
S.L. Ferrari, S. Deutsch, C. Baudoin, M. Cohen-Solal, A. Ostertag, S.E. Antonarakis, R. Rizzoli, and M.C. de Vernejoul 770

Influence of cortical bone thickness and implant length on implant stability at the time of surgery—clinical, prospective, biomechanical, and imaging study
Ikuya Miyamoto, Yoichi Tsuboi, Eishin Wada, Hirohiko Suwa, and Tadahiko Iizuka 776

Systemic regulation of angiogenesis and matrix degradation in bone regeneration—Distraction osteogenesis compared to rigid fracture healing
S. Weiss, G. Zimmermann, R. Baumgart, P. Kasten, M. Bidlingmaier, and P. Henle 781

Matrix metalloproteinases and failed fracture healing
Philipp Henle, Gerald Zimmermann, and Stefan Weiss 791

Expression pattern of Dlx3 during cell differentiation in mineralized tissues
Sonia Ghoul-Mazgar, Dominique Hotton, Frédéric Lézot, Claudine Blin-Wakkach, Audrey Asselin, Jean-Michel Sautier, and Ariane Berdal 799

Non-invasive axial loading of mouse tibiae increases cortical bone formation and modifies trabecular organization: A new model to study cortical and cancellous compartments in a single loaded element
Roberto L. De Souza, Maiko Matsuura, Felix Eckstein, Simon C.F. Rawlinson, Lance E. Lanyon, and Andrew A. Pitsillides 810

Imaging bone microdamage in vivo with positron emission tomography
Jiliang Li, Michael A. Miller, Gary D. Hutchins, and David B. Burr 819

Trabecular microfracture and the influence of pyridinium and non-enzymatic glycation-mediated collagen cross-links *Christopher J. Hernandez, Simon Y. Tang, Bethany M. Baumbach, Paul B. Hwu, A. Nico Sakkee, Frits van der Ham, Jeroen DeGroot, Ruud A. Bank, and Tony M. Keaveny* 825

Investigating the role of the growth hormone–insulin-like growth factor (GH–IGF) axis as a determinant of male bone mineral density (BMD) *M.B.R. Patel, N.K. Arden, L.M. Masterson, D.I.W. Phillips, R. Swaminathan, H.E. Syddall, C.D. Byrne, P.J. Wood, C. Cooper, R.I.G. Holt, and Hertfordshire Cohort Study Group* 833

c-Fos degradation by the ubiquitin–proteasome proteolytic pathway in osteoclast progenitors *Yuji Ito, Daisuke Inoue, Shinsuke Kido, and Toshio Matsumoto* 842

Scaffolds for bone restoration from cuttlefish *J.H.G. Rocha, A.F. Lemos, S. Agathopoulos, P. Valério, S. Kannan, F.N. Oktar, and J.M.F. Ferreira* 850

Quantitative ultrasound parameters as well as bone mineral density are better predictors of trochanteric than cervical hip fractures in elderly women. Results from the EPIDOS study *A.M. Schott, D. Hans, F. Duboeuf, P. Dargent-Molina, T. Hajri, G. Bréart, and P.J. Meunier* 858

Risk of hip/femur fractures in patients using antipsychotics *Gerard W.K. Hugenholtz, Eibert R. Heerdink, Tjeerd P. van Staa, Willem A. Nolen, and Antoine C.G. Egberts* 864

RAPID COMMUNICATION

Hip axis length as an independent risk factor for hip fracture independently of femural bone mineral density in Caucasian elderly Brazilian women *Alberto Frisoli Jr., Vera Lucia Szejnfeld, Ronaldo Delmonte Piovezan, Ednilson Takata, Tatiana Araújo Silva, and Paulo Henrique M. Chaves* 871

CORRIGENDA

Corrigendum to "A Ser250Trp substitution in mouse fibroblast growth factor receptor 2 (Fgfr2) results in craniosynostosis" [Bone 33 (2003) 167–178] *Lin Chen, Dan Li, Cuiling Li, April Engel, and Chu-Xia Deng* 876

Corrigendum to "IBMS-ECTS 2005 Abstracts" [Bone 36 (2005) S466] *Michael D. Wagener* 877

Author Index for Volume 37 878

Subject Index for Volume 37 881

Announcement XI